

**AMENDMENTS TO THE CLAIMS**

Claim 1. (Currently Amended) A package, comprising:

~~a material forming the package, the material being integral to the package and including an unlabelled region, and~~

a three dimensional box defined by a plurality of wall segments interconnected by folds, the wall segments formed of a fibrous material; and

a mark for identification of the package, wherein the mark comprises a non-predetermined random identifier comprising a distribution of luminophores intermixed with fibers of the fibrous material at least one integral feature of the material forming the package, ~~wherein the non-predetermined random identifier is peculiar to the material, and is located in the unlabelled region of the material.~~

Claims 2-3. (Canceled)

Claim 4. (Currently Amended) The package according to claim 1, wherein the ~~random identifier comprises at least one~~ luminophores are distributed in a random pattern.

Claim 5. (Cancelled)

Claim 6. (Previously Presented) The package according to claim 4, further comprising a marking generated based on the random pattern and arranged on the package.

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Claim 7. (Previously Presented) The package according to claim 5, wherein the distribution of luminophores is detectable and is at least one of filed or deposited as an optionally coded marking in at least one of a data bank or print on the package.

Claim 8. (Previously Presented) The package according to claim 6, further comprising a code applied to the package.

Claim 9. (Previously Presented) The package according to claim 8, wherein the code includes a serial number and is in a predetermined and reproducible relationship to the mark.

Claim 10. (Previously Presented) The package according to claim 8, wherein the code and the mark are in correlation with each other.

Claim 11. (Previously Presented) The package according to claim 10, wherein the correlation is formed by storage.

Claim 12. (Previously Presented) The package according to claim 10, wherein the correlation is formed by a coding function.

Claim 13. (Canceled)

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Claim 14. (Previously Presented) The package according to claim 1, wherein the random identifier is arranged on the whole package or in a predefined region of the package.

Claim 15. (Previously Presented) The package according to claim 8, wherein the package further comprises at least one of a primary packaging, or a secondary packaging, or a tertiary packaging.

Claim 16. (Previously Presented) The package according to claim 15, wherein at least one of the mark, the code or the marking is visibly arranged on at least one of the primary packaging, the secondary packaging, or the tertiary packaging.

Claim 17. (Previously Presented) The package according to claim 16, wherein the marking is arranged on the secondary packaging, the marking being designed as a link number, wherein the link number is generated from at least one of the mark, the code, or the marking arranged on the primary packaging.

Claims 18-50. (Cancelled)

Claim 51. (New) The package of claim 1, wherein the fibrous material comprises cardboard.

Claim 52. (New) A package, comprising:

a three dimensional box defined by a plurality of wall segments interconnected by folds;  
a foil wrapping surrounding the three dimensional box; and  
a mark for identification of the package, wherein the mark comprises a non-predetermined random identifier comprising a distribution of luminophores permeating the foil wrapping.

Claim 53. (New) The package according to claim 52, wherein the luminophores are distributed in a random pattern.

Claim 54. (New) The package according to claim 53, further comprising a marking generated based on the random pattern and arranged on the package.

Claim 55. (New) The package according to claim 54, wherein the distribution of luminophores is detectable and is at least one of filed or deposited as an optionally coded marking in at least one of a data bank or print on the package.

Claim 56. (New) The package according to claim 54, further comprising a code applied to the package.

Claim 57. (New) The package according to claim 56, wherein the code includes a serial

number and is in a predetermined and reproducible relationship to the mark.

Claim 58. (New) The package according to claim 56, wherein the code and the mark are in correlation with each other.

Claim 59. (New) The package according to claim 58, wherein the correlation is formed by storage.

Claim 60. (New) The package according to claim 58, wherein the correlation is formed by a coding function.

Claim 61. (New) The package according to claim 52, wherein the random identifier is arranged on the whole package or in a predefined region of the package.

Claim 62. (New) The package according to claim 56, wherein the package further comprises at least one of a primary packaging, or a secondary packaging, or a tertiary packaging.

Claim 63. (New) The package according to claim 62, wherein at least one of the mark, the code or the marking is visibly arranged on at least one of the primary packaging, the secondary packaging, or the tertiary packaging.

Claim 64. (New) The package according to claim 63, wherein the marking is arranged on the secondary packaging, the marking being designed as a link number, wherein the link number is generated from at least one of the mark, the code, or the marking arranged on the primary packaging.

Claim 65. (New) The package of claim 52, wherein the foil wrapping includes a tear strip, and the distribution of luminophores is located on the tear strip.

Claim 66. (New) A package, comprising:

a three dimensional box defined by a plurality of wall segments interconnected by folds, the three dimensional box including a first portion and a second portion connected by a hinge, the first portion and the second portion movable with respect to one another about the hinge between an open position and a closed position, wherein the first portion and the second portion define a gap width when in the closed position; and

a mark for identification of the package, wherein the mark comprises a non-predetermined random identifier comprising the gap width.

Claim 67. (New) The package according to claim 66, further comprising a marking generated based on the non-predetermined random identifier.

Claim 68. (New) The package according to claim 67, wherein the gap width is

detectable and is at least one of filed or deposited as an optionally coded marking in at least one of a data bank or print on the package.

Claim 69. (New) The package according to claim 66, further comprising a code applied to the package.

Claim 70. (New) The package according to claim 69, wherein the package further comprises at least one of a primary packaging, or a secondary packaging, or a tertiary packaging.

Claim 71. (New) The package according to claim 70, wherein at least one of the mark, the code or the marking is visibly arranged on at least one of the primary packaging, the secondary packaging, or the tertiary packaging.

Claim 72. (New) The package according to claim 70, wherein the marking is arranged on the secondary packaging, the marking being designed as a link number, wherein the link number is generated from at least one of the mark, the code, or the marking arranged on the primary packaging.

Claim 73. (New) A package, comprising:

a three dimensional box defined by a plurality of wall segments interconnected by folds;  
a foil wrapping surrounding the three dimensional box, the foil wrapping including a first

portion overlapping a second portion in an overlap region; and

a mark for identification of the package, wherein the mark comprises a non-predetermined random identifier comprising at least a portion of the overlap region.

Claim 74. (New) The package of claim 73, wherein the non-predetermined random identifier comprises air bubbles or a wave pattern in the overlap region.

Claim 75. (New) The package of claim 73, wherein overlap region comprises a seam defining a seam width, and the non-predetermined random identifier comprises the seam width.

Claim 76. (New) The package of claim 73, wherein the first portion of the foil wrapping defines a first cut edge, and the second portion of the foil wrapping defines a second cut edge, and the non-predetermined random identifier comprises an angle between the first cut edge and the second cut edge.

Claim 77. (New) The package according to claim 73, further comprising a marking generated based on the non-predetermined random identifier and arranged on the package.

Claim 78. (New) The package according to claim 77, wherein the non-predetermined random identifier is detectable and is at least one of filed or deposited as an optionally coded marking in at least one of a data bank or print on the package.



Claim 79. (New) The package according to claim 78, further comprising a code applied to the package.

Claim 80. (New) The package according to claim 79, wherein the code includes a serial number and is in a predetermined and reproducible relationship to the mark.

Claim 81. (New) The package according to claim 80, wherein the package further comprises at least one of a primary packaging, or a secondary packaging, or a tertiary packaging.

Claim 82. (New) The package according to claim 81, wherein at least one of the mark, the code or the marking is visibly arranged on at least one of the primary packaging, the secondary packaging, or the tertiary packaging.

Claim 83. (New) The package according to claim 82, wherein the marking is arranged on the secondary packaging, the marking being designed as a link number, wherein the link number is generated from at least one of the mark, the code, or the marking arranged on the primary packaging.

Claim 84. (New) A package, comprising:

a three dimensional box defined by a plurality of wall segments interconnected by folds;

a foil wrapping surrounding the three dimensional box;  
a label located on the three dimensional box or on the foil wrapping;  
ink printing located on the label; and  
a mark for identification of the package, wherein the mark comprises a non-predetermined random identifier comprising luminophores added to the ink printing.

Claim 85. (New) The package of claim 84, wherein the ink printing comprises a serial number.

Claim 86. (New) The package of claim 84, wherein the label is located between the three dimensional box and the foil wrapping.

Claim 87. (New) The package of claim 84, further comprising:  
a marking generated based on the random pattern and arranged on the package; and  
a code applied to the package, the code comprising a serial number having a predetermined and reproducible relationship to the mark;  
wherein the ink printing comprises the serial number.